

ABSTRACT**METHOD OF SELECTING AND SORTING PACKETS MADE AVAILABLE
5 TO AN INSTALLATION BY A PACKET DATA TRANSMISSION
NETWORK.**

The invention relates to the selection and sorting, by an installation
(1, 2) having access to one or more packet transmission networks (3, 4), of
10 the packets relating to it, from among the entirety of the packets made
available by the networks, given that the packets respect at least two layers
of protocols or even more. It consists of a method of selecting and sorting
that successively implements, in respect of searches for matching addresses,
two directories of addresses, the first of so-called lower levels having as
15 elements the various possible combinations of the values taken by the
addressing information contained in the service information fields of the first
two levels of protocols, the second so-called higher levels having as
elements the addressing information contained in the service information
fields of the protocols of levels higher than two, the elements of the first and
20 second directories being linked by compatibility links targeting those that can
simultaneously be in the service information fields of a packet relevant to the
installation (1, 2).

Fig. 3